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- 53. The isolated nucleic acid of claim 49 comprising said complement of the entire length of said polynucleotide.
- 54. A vector comprising the nucleic acid of claim 49.
- 55. An isolated host cell comprising the vector of claim 54.
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concl.
- 56. A process for producing FAB I of *staphylococcus aureus*, said method comprising culturing the isolated host cell of claim 55 under conditions suitable for expression of the polynucleotide thereby producing said FAB I, wherein the polynucleotide is operably linked to a transcription promoter.
- 57. An isolated nucleic acid comprising a polynucleotide that codes for the FAB I of *staphylococcus aureus* WCUH29 deposited as NCIMB No. 40771 or a fragment of said FAB I, which FAB I consists of the amino acid sequence set forth as SEQ ID NO:2, wherein said fragment consists of contiguous amino acids of SEQ ID NO:2, and includes a first length of 1-20, 21-40, 41-61, 61-80, 81-100, 101-120, 121-140, 141-160, 161-180, 181-200, 201-220, 221-240 or 241-256 amino acids long.
- 58. A vector comprising the nucleic acid of claim 57.
- 59. An isolated host cell comprising the vector of claim 58. --

REMARKS

This Amendment is responsive to the Advisory Action and the Office Action dated August 4, 1998. The specification and claims have been amended in response to the Office Action. Applicant respectfully submits that no new matter is introduced by these amendments.